

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Zine-Eddine Boutaghou

Appln. No. : 09/553,220

Filed : April 20, 2000

Title : BENDING MICROACTUATOR  
HAVING A TWO-PIECE SUSPENSION  
DESIGN

Group Art Unit: 2754

Examiner:

Docket No. : I69.12-0433

**ASSOCIATE POWER OF ATTORNEY OR AGENT (37 C.F.R. 1.34)**

Assistant Commissioner for Patents  
Washington, D.C. 20231

I CERTIFY THAT THIS PAPER IS BEING SENT BY U.S. MAIL,  
FIRST CLASS, TO THE ASSISTANT COMMISSIONER FOR  
PATENTS, WASHINGTON, D.C. 20231, THIS 8 DAY OF

August, 2000.  
  
PATENT ATTORNEY

Sir:

Please recognize as Associate Attorney or Agent in this case:

Edward P. Heller III, Reg. No. 29,075  
SEAGATE TECHNOLOGY LLC  
Intellectual Property  
Building 15  
920 Disc Drive  
Scotts Valley, CA 95066  
Telephone (408) 439-7297

Raghunath S. Minisandram, Reg. No. 38,683  
SEAGATE TECHNOLOGY LLC  
Intellectual Property  
920 Disc Drive, M/S 15-7  
Scotts Valley, CA 95066  
Telephone: (408) 439-7319

Shawn B. Dempster, Reg. No. 34,321  
SEAGATE TECHNOLOGY LLC  
Intellectual Property-SHK2LG  
1280 Disc Drive  
Shakopee, MN 55379-1863  
Telephone: (612) 402-2517

RECEIVED  
AUG 17 2000  
TC 2700 MAIL ROOM

First Named Inventor: Zine-Eddine Boutaghou

Appln. No.:09/553,220

- 2 -

Jonathan E. Olson, Reg. No. 41,231  
SEAGATE TECHNOLOGY LLC  
Intellectual Property-SHK2LG  
1280 Disc Drive  
Shakopee, MN 55379-1863  
Telephone: (612) 402-2517


Leland D. Schultz, Reg. No. 30,322  
SEAGATE TECHNOLOGY LLC NRE 350  
7801 Computer Avenue South  
Bloomington, MN 55435-5489  
Telephone: (952) 844-5489

Please continue to send all further correspondence regarding this application to the below-named attorney.

Respectfully submitted,

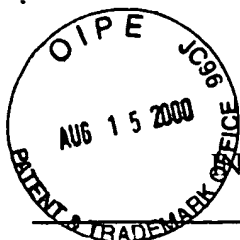
KINNEY & LANGE, P.A.

By:



David R. Fairbairn, Reg. No. 26,047  
THE KINNEY & LANGE BUILDING  
312 South 3rd Street  
Minneapolis, MN 55415-1002  
Telephone: (612) 339-1863 Fax: (612) 339-6580

DRF:lmc



THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Zine-Eddine Boutaghou

Appln. No. : 09/553,220

Filed : April 20, 2000

Title : BENDING MICROACTUATOR HAVING A  
TWO-PIECE SUSPENSION DESIGN

Docket No. : I69.12-0433

Group Art Unit: 2754

Examiner:

**SUBMISSION UNDER 37 C.F.R. 3.73(b)**

Assistant Commissioner for Patents  
Washington, D.C. 20231

I CERTIFY THAT THIS PAPER IS BEING SENT BY U.S. MAIL,  
FIRST CLASS, TO THE ASSISTANT COMMISSIONER FOR  
PATENTS, WASHINGTON, D.C. 20231, THIS 8 DAY OF

August, 2000.

[Signature]  
PATENT ATTORNEY

Sir:

Seagate Technology LLC, a Delaware corporation, is an owner of the patent application  
identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application identified above. A  
copy of which is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application identified above, to  
the current assignee as shown below:

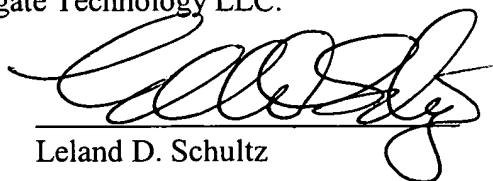
1. From: Zine-Eddine Boutaghou et al. To: Seagate Technology, Inc.  
The document was recorded in the Patent and Trademark Office at  
Reel 010767, Frame 0231.
2. From: Seagate Technology, Inc. To: Seagate Technology LLC  
A copy of which is attached.

RECEIVED  
AUG 17 2000  
TC 7700 MAIL ROOM

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy of  
which is attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on  
behalf of Seagate Technology LLC.

Signature:

  
Leland D. Schultz

Date:

7/21/00

Title:

Senior Director of Intellectual Property  
and Technology Management  
Reg. No. 30,322



FORM PTO-1595  
(Rev. 8-93)  
OMB No. 0651-0011 (exp. 4/94)  
SEA9238.00

# RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Seagate Technology, Inc.  
920 Disc Drive  
Scotts Valley, CA 95066

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Seagate Technology LLC  
920 Disc Drive  
Scotts Valley, CA 95066

Additional name(s) & address(es) attached? ☐ Yes ☒ No

2. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: June 28, 2000

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/553,220

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Leland Schultz  
Address: Seagate Technology LLC  
Intellectual Property, NRE350  
7801 Computer Avenue South  
Bloomington, MN 55435-5489

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our Deposit account number: 19-1038

DO NOT USE THIS SPACE

9. Statement and signature:

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Shawn B. Dempster

Name of Person Signing

Signature

June 28, 2000

Date

Total number of pages including cover sheet, attachments, and document: 2

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner for Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

RECEIVED  
AUG 17 2000  
TC 2100 MAIL ROOM

For: U.S. Rights and Foreign Rights  
For: U.S. Application  
By: Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, effective July 1, 2000

ASSIGNOR:

Seagate Technology, Inc.  
920 Disc Drive  
Scotts Valley, CA 95066  
State or Country of Formation: Delaware

Recorded at Reel Unknown, Frame Unknown

hereby sells, assigns and transfers to

ASSIGNEE:

Seagate Technology LLC  
920 Disc Drive  
Scotts Valley, CA 95066  
Nationality or State/Country of Formation: Delaware

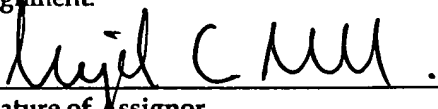
and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention and which is found in U.S. application no. 09/553,220 filed on April 20, 2000 and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

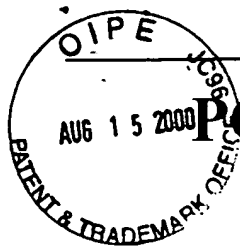
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have executed this assignment.

June 28, 2000

  
\_\_\_\_\_  
Signature of Assignor

Seagate Technology, Inc.  
Nigel C. Macleod  
Senior Vice President



# POWER OF ATTORNEY

Attorney Docket No.

169.12-0433

First Named Inventor : Zine-Eddine Boutaghou, et al.

Title : BENDING MICROACTUATOR HAVING A TWO-PIECE SUSPENSION DESIGN

In the patent application:

— identified above (and submitted to the Patent and Trademark Office herewith).

X filed on April 20, 2000 as Application No. 09/553,220.

I appoint the attorneys and agents associated with Customer Number 00164 to prosecute the patent application identified above and to transact all business in the Patent and Trademark Office connected therewith, including full power of association, substitution and revocation.

I ratify all prior actions taken by Kinney & Lange, P.A. or the attorneys and agents mentioned above in connection with the prosecution of the above-mentioned patent application.

I authorize Kinney & Lange, P.A. to mark the appropriate space above and to insert the filing date and application number of the application, as appropriate.

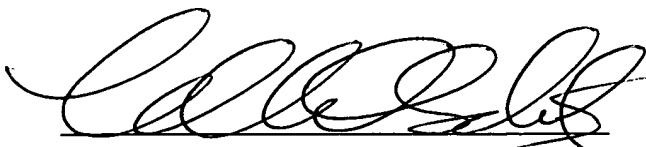
I aver that I am empowered by Seagate Technology LLC to act on behalf of the Assignee, Seagate Technology LLC, in connection with this document and the above application.

Please address all correspondence and telephone calls to David R. Fairbairn at:

KINNEY & LANGE, P.A.  
THE KINNEY & LANGE BUILDING  
312 South Third Street  
Minneapolis, Minnesota 55415-1002  
Phone: (612) 339-1863 Fax: (612) 339-6580

SEAGATE TECHNOLOGY LLC

Signature:

  
Leland D. Schultz, Reg. No. 30,322

Dated:

2/21/00

Title:

Senior Director of Intellectual Property  
and Technology Management

RECEIVED  
AUG 17 2000  
TC 2700 MAIL ROOM